Contents

Subject-Index IV
List of Locations VII
Åberg, G., s. Wickman, F.E., et al. 358
Aleinikoff J.N.: U-Th-Pb Systematics of Zircon Inclusions in Rock-Forming Minerals: A Study of Armoring Against Isotopic Loss Using the Sherman Granite of Colorado-Wyoming, USA . . 259
Aspden, J.A., s. Beddoe-Stephens, B., et al. 278
Bal, K.D., Lal, N., Nagpaul, K.K.: Zircon and Sphene as Fission Track Geochronometer and Geothermometer: A Reappraisal 199
Barnes, S.-J., Gorton, M.P., Naldrett, A.J.: A Comparative Study of Olivine and Clinopyroxene Spinifex Flows from Alexo, Abitibi Greenstone Belt, Ontario, Canada 293
Beddoe-Stephens, B., Aspden, J.A., Shepherd, T.J.: Glass Inclusions and Melt Compositions of the Toba Tuffs, Northern Sumatra 278
Boettcher, A.L., s. Bohlen, S.R. et al. 52, 270
Bogoch, R., Magaritz, M.: Immiscible Silicate-Carbonate Liquids as Evidenced from Ocellar Diabase Dykes, Southeast Sinai 227
Bohlen, S.R., Boettcher, A.L., Wall, V.J., Clemens, J.D.: Stability of Phlogopite-Quartz and Sanidine-Quartz: A Model for Melting in the Lower Crust 270
Bohlen, S.R., Wall, V.J., Boettcher, A.L.: Experimental Investigation and Application of Garnet Granulite Equilibria 52
Bryan, W.B.: Systematics of Modal Phenocryst Assemblages in Submarine Basalts: Petrologic Implications 62
Burt, D.M., s. Christiansen, E.H., et al. 16
Cameron, W.E., s. Walker, D.A. 150
Carmichael, I.S.E., s. Klinic, A., et al. 136
Cawthorn, R.G., Davies, G.: Experimental Data at 3 Kbars Pressure on Parental Magma to the Bushveld Complex . . . 128
Christiansen, E.H., Burt, D.M., Sheridan, M.F., Wilson, R.T.: The Petrogenesis of Topaz Rhyolites from the Western United States 16
Christiansen, E.H., s. Lee, D.E. 99
Clarke, D.B., Muecke, G.K., Pe-Piper, G.: The Lamprophyres of Ubekendt Ejland, West Greenland: Products of Renewed Partial Melting or Extreme Differentiation? 117
Clemens, J.D., s. Bohlen, S.R., et al. 270
Davies, G., s. Cawthorn, R.G. 128
Domeneghetti, M.C., s. Rossi, G., et al. 247
Dougan, T.W.: Textural Relations in Melanosomes of Selected Specimens of Migmatitic Pelitic Schists: Implications for Leucosome-Generating Processes 82
Emmermann, R., s. Hoefs, J. 320
Ernst, W.G., s. Messiga, B., et al. 1
Exley, R.A., Jones, A.P.: $^{87}/Sr^{86}$ in Kimberlitic Carbonates by Ion Microprobe: Hydrothermal Alteration, Crustal Contamination and Relation to Carbonatite 288
Fleet, M.E., MacRae, N.D.: Partition of Ni Between Olivine and Sulfide and its Application to Ni–Cu Sulfide Deposits . . . 75
Frey, M., Hunziker, J.C., Jäger, E., Stern, W.B.: Regional Distribution of White K-Mica Polymorphs and Their Phengite Content in the Central Alps 185
Fryer, B.J., s. Thurston, P.C. 204
Futa, K., Le Masurier, W.E.: Nd and Sr Isotopic Studies on Cenozoic Mafic Lavas from West Antarctica: Another Source for Continental Alkali Basalts 38
Gorton, M.P., s. Barnes, S.-J., et al. 293
Griffin, W.L., s. Helvaci, C. 309
Helvaci, C., Griffin, W.L.: Metamorphic Feldspathization of Metavolcanics and Granitoids, Avnik Area, Turkey 309
Hoefs, J., Emmermann, R.: The Oxygen Isotope Composition of Hercynian Granites and Pre-Hercynian Gneisses from the Schwarzwald, SW Germany 320
Hunziker, J.C., s. Frey, M., et al. 185
Imsland, P.: Iceland and the Ocean Floor. Comparsion of Chemical Characteristics of the Magmatic Rocks and Some Volcanic Features 31
Jäger, E., s. Frey, M., et al. 185
Jenkins, D.M.: Stability and Composition Relations of Calcic Amphiboles in Ultramafic Rocks 375
Jones, A.P., s. Exley, R.A. 288
Kamineni, D.C., Stone, D.: The Ages of Fractures in the Eye-Dashwa Pluton, Atikokan, Canada 237
Kashima, K., s. Kouchi, A., et al. 177
Kern, H., Wenk, H.-R.: Calcite Texture Development in Experimentally Induced Ductile Shear Zones 231
Kilinc, A., Carmichael, I.S.E., Rivers, M.L., Sack, R.O.: The Ferric-Ferrous Ratio of Natural Silicate Liquids Equilibrated in Air . . 136
Kouchi, A., Sugawara, Y., Kashima, K., Sunagawa, I.: Laboratory Growth of Sector Zoned Clinopyroxenes in the System $CaMgSi_2O_6$–$CaTiAl_2O_6$ 177
Lal, N., s. Bal, K.D., et al. 199
Lee, D.E., Christiansen, E.H.: The Granite Problem as Exposed in the Southern Snake Range, Nevada 99
Le Masurier, W.E., s. Futa, K. 38
Levi, B., s. Wickman, F.E., et al. 358
MacRae, N.D., s. Fleet, M.E. 75
Magaritz, M., s. Bogoch, R. 227
Meijer, A.: The Origin of Low-K Rhyolites from the Mariana Frontal Arc 45
Messiga, B., Piccardo, G.B., Ernst, W.G.: High-Pressure Eo-Alpine Parageneses Developed in Magnesian Metagabbros, Gruppo di Voltri, Western Liguria, Italy 1
Muecke, G.K., s. Clarke, D.B., et al. 117
Nagpaul, K.K., s. Bal, K.D., et al. 199
Naldrett, A.J., s. Barnes, S.-J., et al. 293
Nicot, E., s. Paradis, S., et al. 342
Nyström, J.O.: Pumpellyite-Bearing Rocks in Central Sweden and Extent of Host Rock Alteration as a Control of Pumpellyite Composition 159
Oterdoom, W.H., Wenk, H.-R: Ordering and Composition of Scapolite: Field Observations and Structural Interpretations 330
Paradis, S., Velde, B., Nicot, E.: Chloritöid-Pyrophyllite-Rectorite Facies Rocks from Brittany, France 342
Pe-Piper, G., s. Clarke, D.E., et al. 117
Piccardo, G.B., s. Messiga, B., et al. 1
Rietmeijer, F.J.M.: Inter-Diffusion Coefficients Parallel to the C-Axis in Iron-Rich Clinopyroxenes Calculated from Microstructures 169
Rossi, G., Smith, D.C., Ungaretti, L., Domeneghetti, M.C.: Crystal-Chemistry and Cation Ordering in the System Diopside-Jadeite: A Detailed Study by Crystal Structure Refinement . . 247
Rivers, M.L., s. Kilinc, A., et al. 136
Sack, R.O., s. Kilinc, A., et al. 136
Selverstone, J., s. Spear, F.S. 348
Shepherd, T.J., s. Beddoe-Stephens, B., et al. 278
Sheridan, M.F., s. Christiansen, E.H., et al. 16
Smith, D.C., s. Rossi, G., et al. 247
Spear, F.S., Selverstone, J.: Quantitative P–T Paths from Zoned Minerals: Theory and Tectonic Applications 348
Stern, W.B., s. Frey, M., et al. 185
Stolz, A.J., s. Wilkinson, J.F.G. 363
Stone, D., s. Kamineni, D.C. 237
Sugawara, Y., s. Kouchi, A., et al. 177
Sunagawa, I., s. Kouchi, A., et al. 177
Thurston, P.C., Fryer, B.J.: The Geochemistry of Repetitive Cyclical Volcanism from Basalt Through Rhyolite in the Uchi-Confederation Greenstone Belt, Canada 204
Thy, P.: Spinel Minerals in Transitional and Alkali Basaltic Glasses from Iceland 141
Ungaretti, L., s. Rossi, G., et al. 247
Velde, B., s. Paradis, S., et al. 342
Walker, D.A., Cameron, W.E.: Boninite Primary Magmas: Evidence from the Cape Vogel Peninsula, PNG 150
Wall, V.J., s. Bohlen, S.R., et al. 52, 270
Wenk, H.-R., s. Kern, H. 231
Wenk, H.-R., s. Oterdoom, W.H. 330
Wickman, F.E., Åberg, G., Levi, B.: Rb–Sr Dating of Alteration Events in Granitoids 358
Wilkinson, J.F.G., Stolz, A.J.: Low-Pressure Fractionation of Strongly Undersaturated Alkaline Ultrabasic Magma: the Olivine-Melilite-Nephelinite at Moiliili, Oahu, Hawaii 363
Wilson, R.T., s. Christiansen, E.H., et al. 16

Indexed in Current Contents/
Abstracted in Mineralogical Abstracts